

JUN 21 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : LIU, et al.  
Application No. : 10/729,971  
Filed : 9 December 2003  
Title : NON-ISOLATED DC-DC CONVERTERS  
WITH DIRECT PRIMARY TO LOAD  
CURRENT  
Art Unit : 2838  
Examiner : Berhane, Adolf D.  
Attorney Docket No. : 14545

21 June 2005

Honorable Assistant Commissioner of Patents  
Alexandria, VA 22313-1450

Sir:

**PTO Customer No.: 000293**  
INFORMATION DISCLOSURE STATEMENT

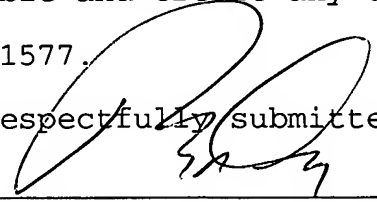
In accordance with 37 C.F.R., §§ 1.97-1.99, applicant submits the following information which may be of interest to the examiner in charge of the above referenced application for patent. Copies of the non-US references are attached. As this Statement is being submitted after the issuance of a first office action, our check in the amount of \$180.00 is enclosed. Please charge any additional fees payable and credit any overpayments to our Deposit Account Number: 04-1577.

06/22/2005 SDENB081 00000120 10729971

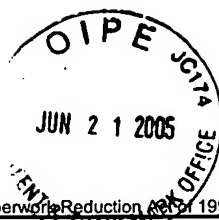
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Respectfully submitted,

  
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PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/729,971
Filing Date	9 December 2003
First Named Inventor	LIU, Yan-Fei
Art Unit	2838
Examiner Name	Berhane, Adolf D.
Attorney Docket Number	14545

Sheet 1 of 2

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		YAN-FEI LIU, and PARESH C. SEN, New Class-E DC-DC Converter Topologies with Constant Switching Frequency, IEEE Transactions on Industry Applications, Vol. 32, No. 4, July/August 1996, pp.961-969, IEEE, USA.	
		YAN-FEI LIU, and PARESH C. SEN, A Novel Resonant Converter Topology for DC-to-DC Power Supply, IEEE Transactions on Aerospace and Electronic Systems, Vol. 31, No. 4, October, 1995, pp. 1301-1313, IEEE, USA.	
		YAN-FEI LIU, and PARESH C. SEN, Source Reactance Lossless Switch (SRLS) for Soft-Switching Converters with Constant Switching Frequency, IEEE Transactions on Circuits and Systems - I: Fundamental Theory and Applications, Vol. 43, No. 4, April 1996, pp. 301-312, IEEE, USA.	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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